

FIG. 1

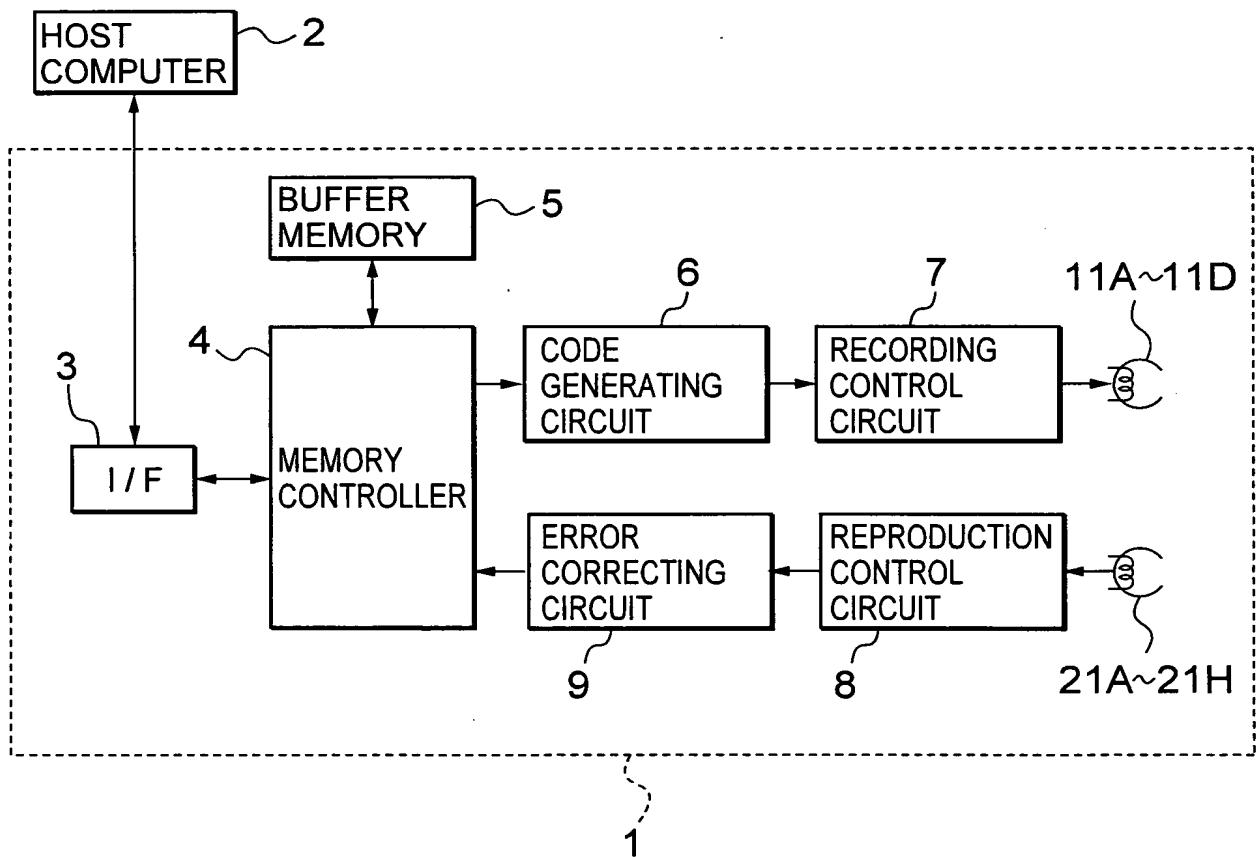


FIG. 2

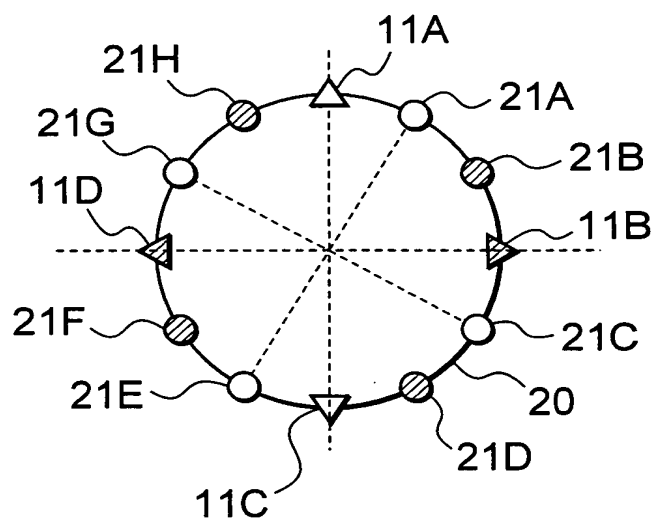
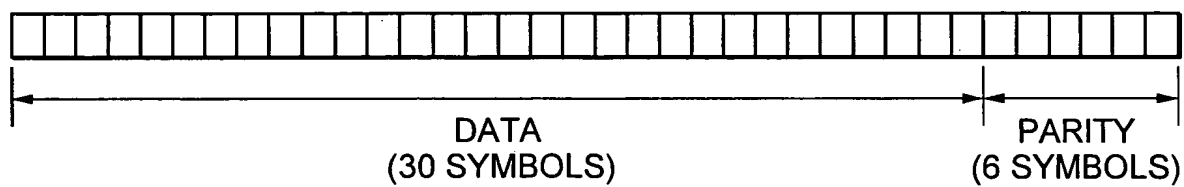


FIG. 3



CODE (36, 30, 7)

36 : NUMBER OF SYMBOLS IN CODE

30 : NUMBER OF DATA SYMBOLS

7 : MINIMUM DISTANCE BETWEEN CODES

CODE STRUCTURE EXAMPLE

FIG. 4

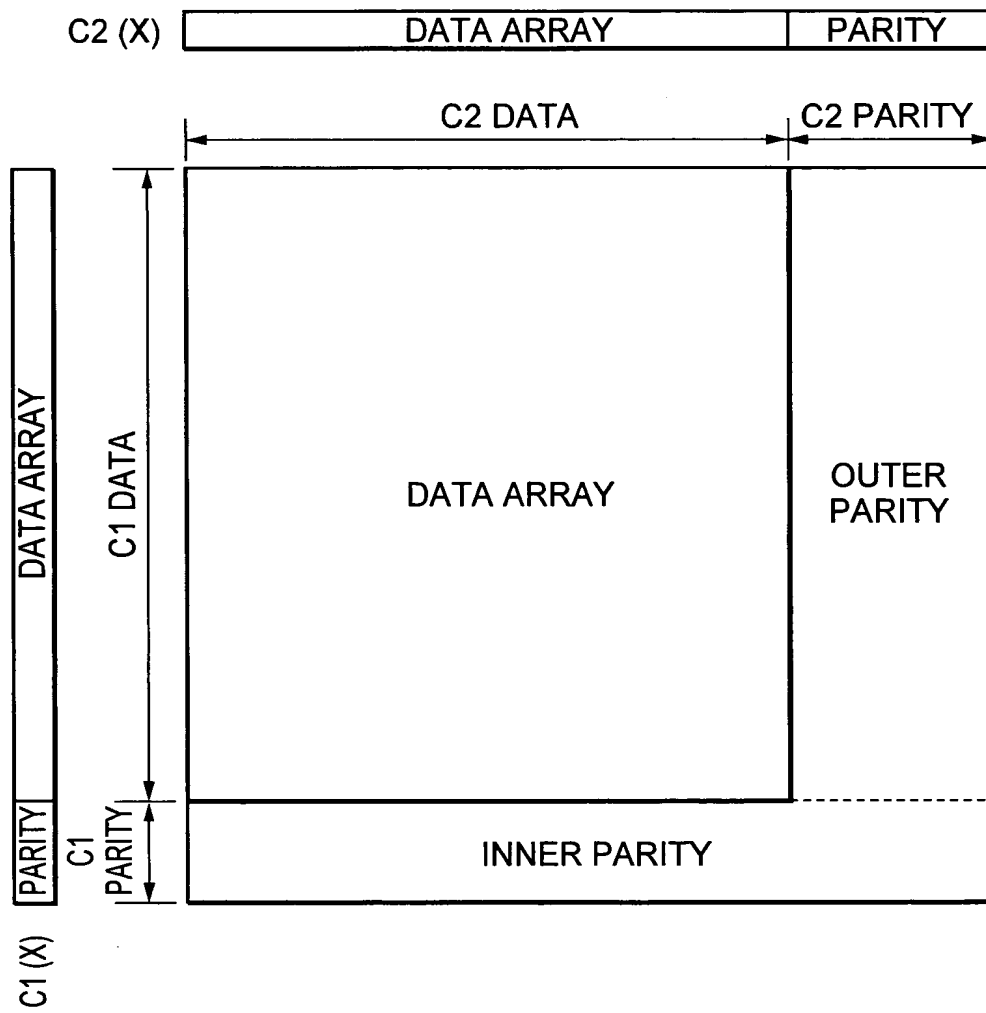


FIG. 5

C1 DATA 240 BYTES										C2 DATA 192 BYTES										C2 PARITY 64 BYTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
D0.0	D1.0	D63.0	D64.0	D127.0	D128.0	D191.0	Q192.0	Q254.0	Q255.0	D0.1	D1.1	D63.1	D64.1	D127.1	D128.1	D191.1	Q192.1	Q254.1	Q255.1	D0.2	D1.2	D63.2	D64.2	D127.2	D128.2	D191.2	Q192.2	Q254.2	Q255.2	D0.3	D1.3	D63.3	D64.3	D127.3	D128.3	D191.3	Q192.3	Q254.3	Q255.3	D0.4	D1.4	D63.4	D64.4	D127.4	D128.4	D191.4	Q192.4	Q254.4	Q255.4	D0.5	D1.5	D63.5	D64.5	D127.5	D128.5	D191.5	Q192.5	Q254.5	Q255.5	D0.6	D1.6	D63.6	D64.6	D127.6	D128.6	D191.6	Q192.6	Q254.6	Q255.6	D0.7	D1.7	D63.7	D64.7	D127.7	D128.7	D191.7	Q192.7	Q254.7	Q255.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

C1 (0) C1 (1) C1 (63) C1 (64) C1 (127) C1 (128) C1 (191) C1 (192) C1 (254) C1 (255)
 DATA WRITTEN BY DATA WRITTEN BY DATA WRITTEN BY DATA WRITTEN BY
 RECORDING HEAD 11A RECORDING HEAD 11B RECORDING HEAD 11C RECORDING HEAD 11D

TWO-DIMENSIONAL ORTHOGONAL CODE OF C1 (256, 240, 17) × C2 (256, 192, 65)

TOTAL NUMBER OF WORDS : 65536 (256×256), NUMBER OF DATA WORDS : 46080 (240×192), REDUNDANCY RATE : 29.7%

FIG. 6

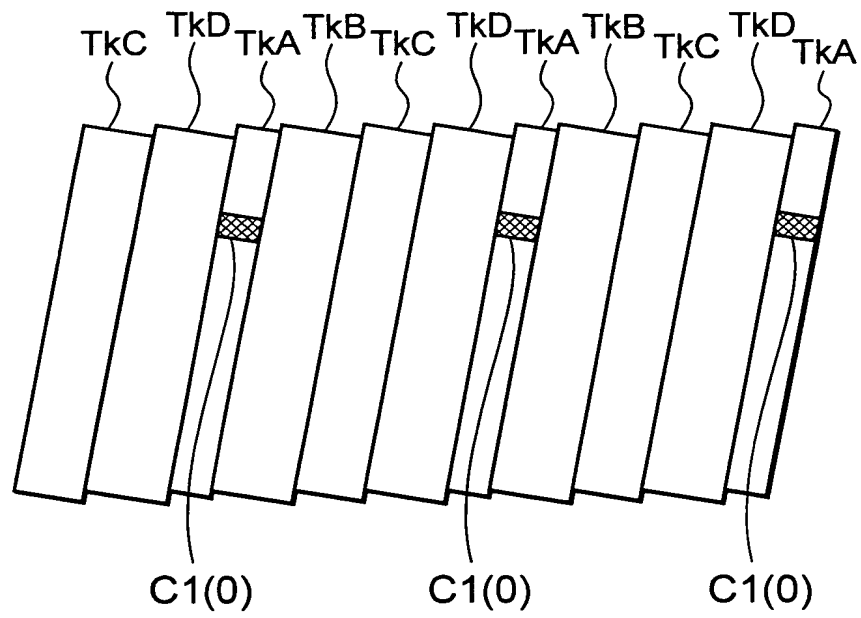


FIG. 7

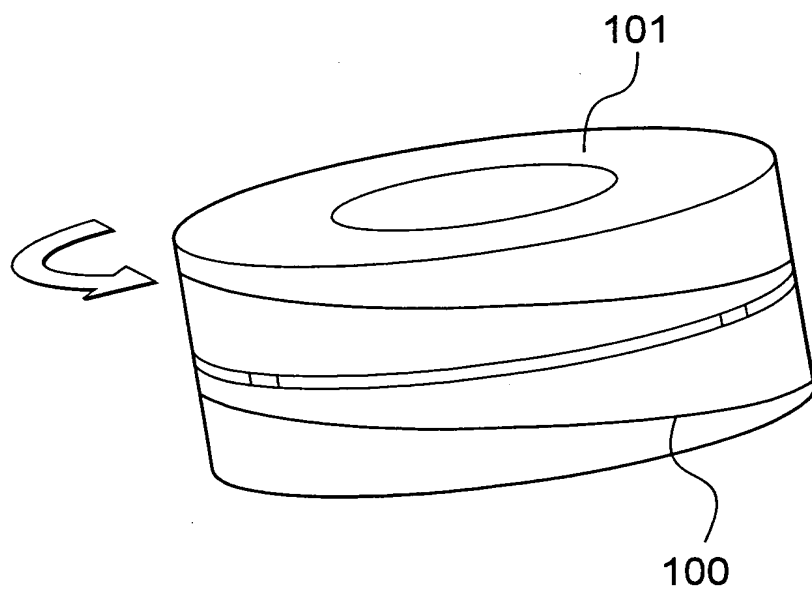


FIG. 8

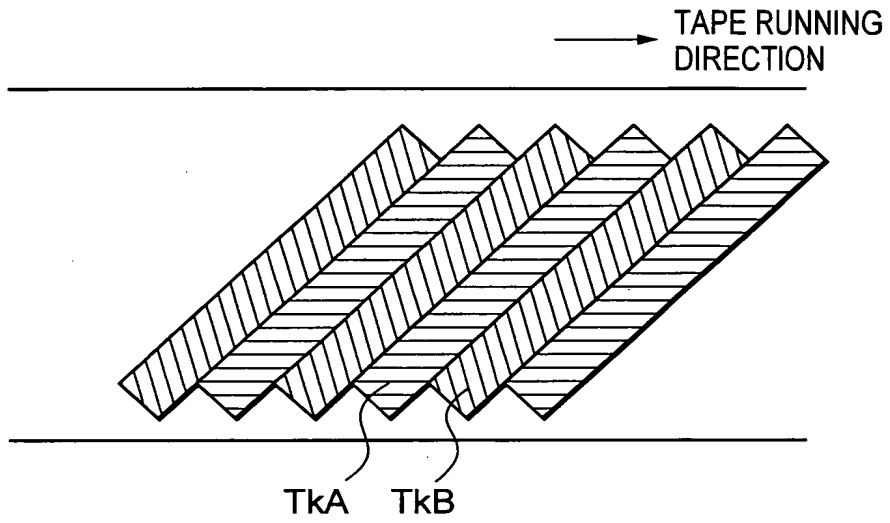


FIG. 9

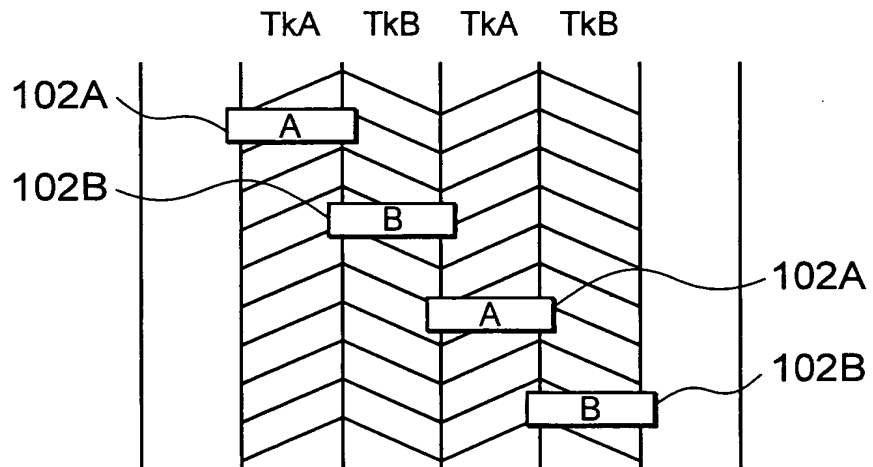


FIG. 10

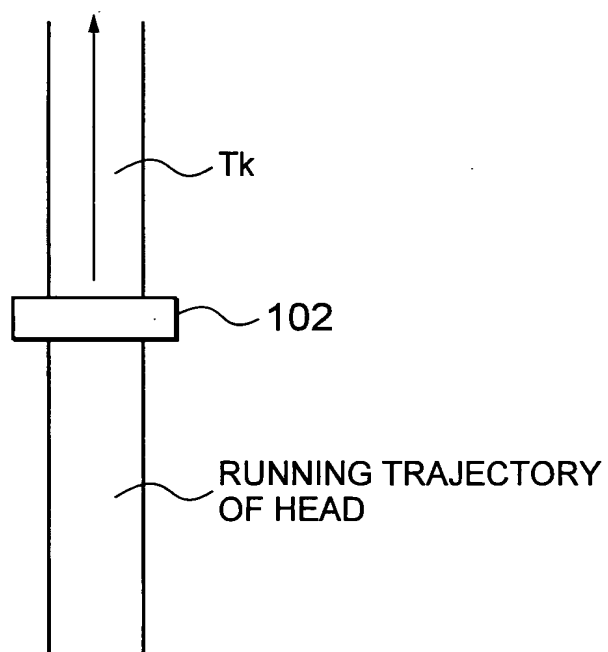


FIG. 11

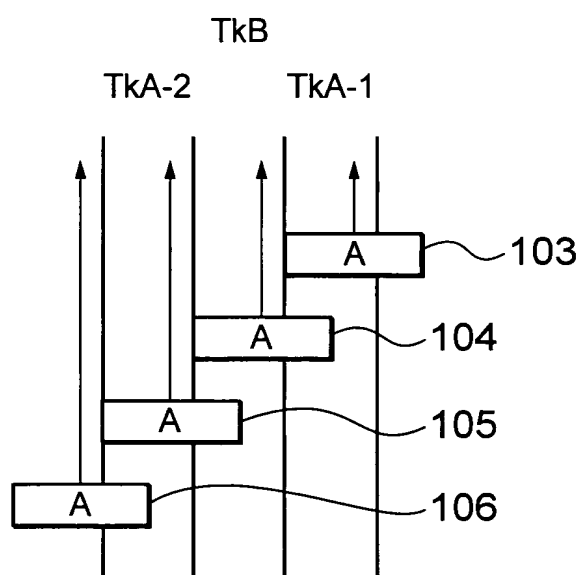


FIG. 12

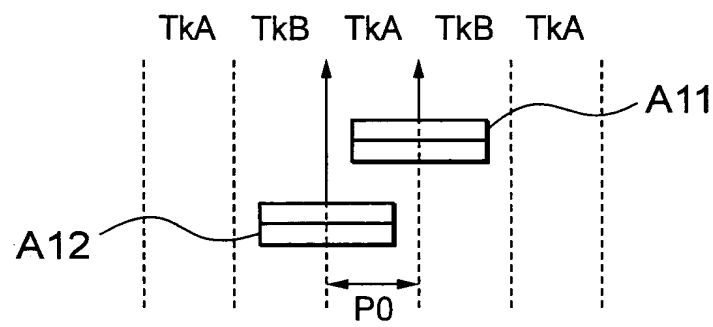


FIG. 13

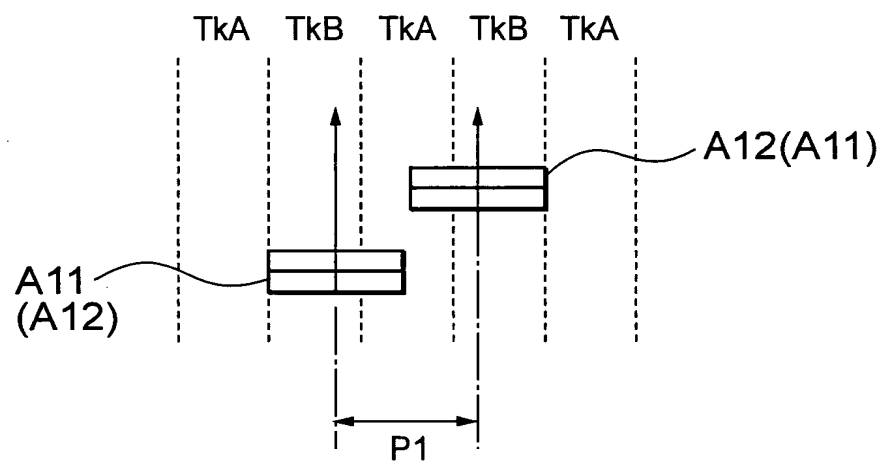
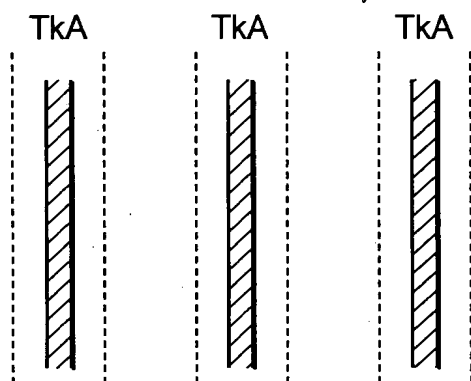
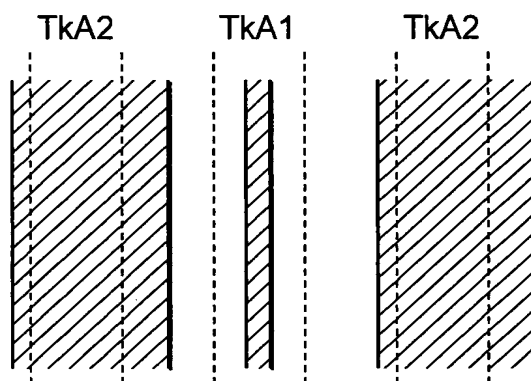


FIG. 14



RECORDING BY ONE RECORDING HEAD PER AZIMUTH TRACK

FIG. 15



RECORDING BY TWO RECORDING HEADS PER AZIMUTH TRACK

FIG. 16A

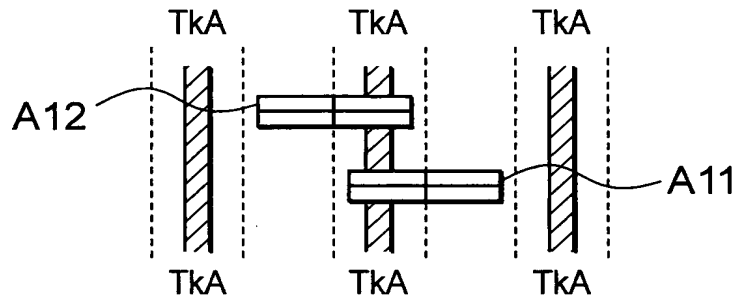
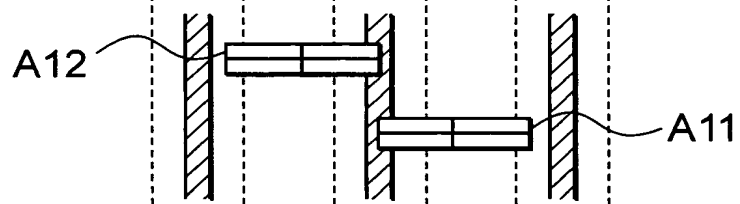


FIG. 16B



ONE-HEAD-PER-AZIMUTH-TRACK RECORDING

FIG. 17A

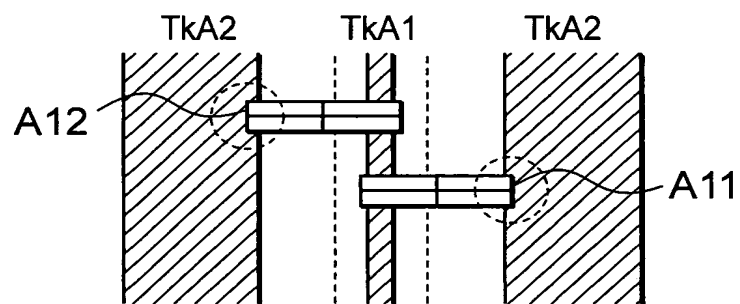
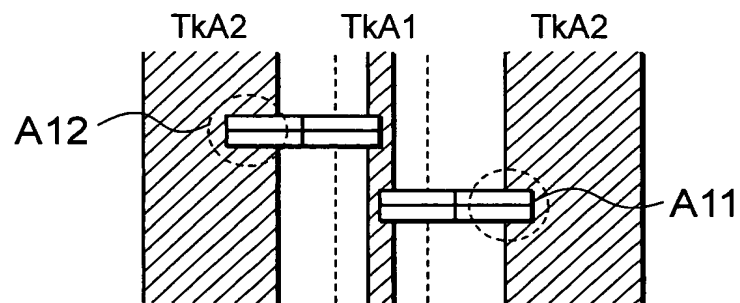


FIG. 17B



TWO-HEAD-PER-AZIMUTH-TRACK RECORDING